

## 16 Jun 71 19 17 z

OUT: 72506

			THE STATE
•			
S E C R E T 161858Z JUN 71	CITE 111	1	25X1 كالماليان
			25X1
IDEALIST			
IDEACIOI		Γ	DISTRIBUTION 25X1
			CY OFFICE 25X1
			FILE
			O OFFIC.
			PF&B/RD
OUR AMORE A COMMANDE EVENORED	E CONTROL (AEC) T	ECT FUALHATION	SECUR.
SUBJECT: AUTOMATIC EXPOSUR	E CUNIRUL (AEC) II	ESI EVALUATION	AEC TESSELES 3
1. IN RESPONSE TO REF	A AND D, THE FUL	IS A REPURI OF THE	E A FOSISIBILIDAD
FLOWN ON 25 MAY 71. THE P	URPOSE OF THE MSN	WAS IU EVALUATE IN	TI OUTSG/OC
SENSOR'S PERFORMANCE UNDER	CONDITIONS SIMIL	AR TO THOSE OF OPER	RALLUNAL
FLOWN ON 25 MAY 71. THE P SENSOR'S PERFORMANCE UNDER OLD HEAD MSNS.			REPRO
2. AN FXAMINATION OF T	HE MSN FILM REVEA	LS THE FOL:	ATD
A. THE CLOUD COVER	FOR THE ENTIRE M	SN IS 25 PCT; HOWEV	ER, IEG
PORTIONS CONTAIN COVER	AS HIGH AS 75 PCT	•	TEG (00)
m	I OF OUR COURD IC.	ENCOUNTEDED MEAD TH	E CENTERGIOD
OF FORMAT, DETAIL IN CL	OUD SHADOWS IS LO	ST BECAUSE OF UNDER	REXPOSURE
AS THE CLOUD COVER CONT	THUES TO INCREASE	. THE CLEAR PORTION	
BECOMES THOSEASTHOLY IN	DEDEVIDACED DV AT	I DACT ONE EIII STOF	131101
DECOMES INCREASINGE! ON	THE I AND AND TER T	RANSITIONS WERE CON	TAM T NA TED
OVEREXPOSED BY APPROX 1	A TO 1 5 CTOPS	THIS OUFFREYPOSED O	AUSED TAS
OVEREXPOSED BY APPROX I	E CONTRACT	INID OVEREN OBED	DIA-XK4
SEVERE DECREASE IN IMAG	LC OF CHIPPE IMAC	E OHALLTY DIEEEDEN	SPAD SPAD
D. SEVERAL INSTANC (DENSITY AND CONTRAST)	ES OF SEVERE IMAG	E QUALITY DIFFERENCE	PECAUCEDIA-AP
(DENSITY AND CONTRAST)	MEKE NOIED BEIMEE	N SIEREU PR PAIRS	25X1
3. CONSIDERING THE ABO	WE IMAGE DENSITY	AND CUNIRASI VARIA	COD THEED
THE KNOW FROM THAT THE ME	ATIVE IS HISED IU	PRODUCE DUFFICHIES	LOIL THEFT
PRETATION, IT IS FELT THAT	SUCH NEGATIVES W	OULD PRODUCE UNACCI	LP IABLE
DUDITONTES FOR INTERPRETAT	'ION. THE DUPLICA	TION SYSTEM FUNCTION	OND ON DAY WILLIAM CAL
AVERAGE DENSITY/CONTRAST	RITERIA. THEREFOR	E, IF LARGE DEVIAT	LONS ASMNITIZED
ENCOUNTEDED THE AVERAGE I	NUPLICATE WOULD BE	POORER IN QUALITY	INAM MITH TENT
A NORMAL FIXED SLIT MSN.	IN ADDITION. SEVE	KE SHADOW DETAIL L	022 12
EVIDENT IN THE ORIGINAL.	THIS CONDITION WO	ULD HAVE CAUSED A	_OSS OF
TARGET INFORMATION ON AN	PERATIONAL MSN.		
A BECAUSE THIS TEST N	ISN WAS FLOWN WITH	CONDITIONS QUITE	
SIMILAR TO THOSE FOUND ON	OPFRATIONAL MSNS.	IT IS CONCLUDED TO	HAT THE
AEC DEVICE, AS NOW FUNCTION	NING CANNOT SATI	SFY THE EXPOSURE P	ROBLEMS
OF OLD HEAD MSNS. THE CAP	PARTITY OF AN ALT	FRNATE SLIT SELECT	IVELY
AVAILABLE TO THE PILOT MAY	PE A POSTRIF SO	LUTION TO THE IMME	DIATE
	DE MICOSTREE DO	2012011 20 21.2 21.11.2	
PROBLEM.			
SECRET	END OF MECCACE	GROUP	ONE
	END OF MESSAGE	anour	<u>-</u>

25X1

Approved For Release 2008/12/24 : CIA-RDP78B03826A000500010007-2